

**Commonwealth of Kentucky
Environmental and Public Protection Cabinet
Department for Environmental Protection
Division for Air Quality
803 Schenkel Lane
Frankfort, Kentucky 40601
(502) 573-3382**

**AIR QUALITY PERMIT
Issued under 401 KAR 52:040**

Permittee Name: R.C. Components, Inc.

Mailing Address: 373 Mitch McConnell Drive
Bowling Green, Kentucky 42101

Source Name: The same as above
Mailing Address: The same as above

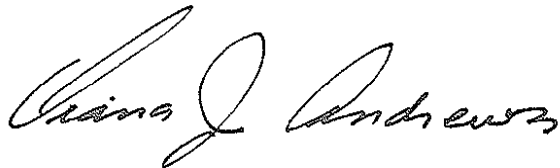
Source Location: 373 Mitch McConnell Drive
Bowling Green, Kentucky 42101

Permit Number: S-06-114, Initial
Source A. I. #: 40428
Activity #: APE20060001
Review Type: State-Origin Permit, Operating, MACT
Source ID #: 21-227-00136

Regional Office: Bowling Green Regional Office
1508 Westen Avenue
Bowling Green, KY 42104-3356
(270) 746-7475

County: Warren

Application
Complete Date: March 28, 2006
Issuance Date: August 3, 2006
Revision Date:
Expiration Date: August 3, 2016



**John S. Lyons, Director
Division for Air Quality**

SECTION A - PERMIT AUTHORIZATION

Pursuant to a duly submitted application the Kentucky Division for Air Quality hereby authorizes the construction and operation of the equipment described herein in accordance with the terms and conditions of this permit. This permit has been issued under the provisions of Kentucky Revised Statutes Chapter 224 and regulations promulgated pursuant thereto.

The permittee shall not construct, reconstruct, or modify any affected facilities without first submitting a complete application and receiving a permit for the planned activity from the permitting authority, except as provided in this permit or in 401 KAR 52:040, State-origin permits.

Issuance of this permit does not relieve the permittee from the responsibility of obtaining other permits, licenses, or approvals that may be required by the Cabinet or other federal, state, or local agencies.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS**03 (002) Polishing Shop**

Description: There are 12 hand-operated polishers in the Polishing Shop, and the aluminum wheels are primarily polished. They have a total maximum hourly processing rate of 12 wheels per hour (approximately 2000 lbs/hr). The exhaust air goes to two cyclones separately, and then goes to one baghouse. The combined removal efficiency of PT and PM10 is 99%.

Date Commenced: 1/1/2001

APPLICABLE REGULATIONS:

401 KAR 59:010, New process operations which commenced on or after July 2, 1975

1. Operating Limitations:

The associated control device(s) shall be operated all the time when the units are operating.

Compliance Demonstration: Records shall be kept of the times when the units are operating but the control devices are not. Records shall also be kept of the maintenance activities.

2. Emission Limitations:

- a) Pursuant to 401 KAR 59:010, Section 3, opacity shall not exceed 20%.
- b) Pursuant to 401 KAR 59:010, Appendix A, The emissions of particulate matter shall not exceed the allowable rate limit as calculated by the following equations using the process weight rate (in units of tons/hr).

$$\begin{array}{ll}\text{For process rates up to 1,000 lbs/hr:} & E = 2.34 \\ \text{For process rates up to 60,000 lbs/hr:} & E = 3.59 P^{0.62} \\ \text{For process rates in excess of 60,000 lbs/hr:} & E = 17.31 P^{0.16}\end{array}$$

For the equations: E = rate of emission in lb/hr and P = process weight rate in tons/hr (monthly throughput in tons/monthly hours of operation).

Compliance Demonstration:

401 KAR 59:010, New process operations:

- a) To provide reasonable assurance that the particulate matter emission limitations (PM and PM₁₀) are being met, the permittee shall monitor the amount and type of process weight added to each particulate matter emissions unit. The process weight shall be determined as the average hourly tons added to the emission unit averaged over a one-month period. Average particulate emissions shall be calculated as follows:

Hourly Emission Rate (lbs/hr) = [Monthly abrasive consumed (tons/month) x Emission Factor as determined from AP-42 * (lbs/ton) / (Hours of operation per month)] (1-Control Efficiency)

* If an Emission Factor other than that taken from AP-42 is used, documentation on how that Emission Factor was derived must be submitted to the Division's Central Office for approval.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

- b) Compliance with the opacity limits shall be demonstrated through the following methods:

The permittee shall perform the monitoring and recordkeeping requirements listed under **4. Specific Monitoring Requirements** and **5. Specific Recordkeeping Requirements** during all periods.

3. Testing Requirements:

None

4. Monitoring Requirements:

- a) The total monthly processing rate.
- b) The total monthly abrasive consumed rate.
- c) The hours per month of the operation of the unit(s).
- d) Observations of visible emissions from each emission points shall be made monthly. If visible emissions are seen during the observation, Method 9 shall be used to determine the opacity.
- f) See Section 5, Specific Recordkeeping Requirements below.

5. Recordkeeping Requirements:

A log shall be kept of all emission observations. Notation in the monthly log shall be made of, but not limited to the following:

- a) Monthly observations of visible emissions during operation of associated equipment.
- b) Observations of visible emissions during all periods of control equipment malfunction. If visible emissions are seen during the observation, Method 9 shall be used to determine the opacity.

6. Reporting Requirements:

See Section C(C).

7. Specific Control Equipment Operating Conditions:

The cyclones and baghouse shall be operated and maintained in accordance with manufacturer's recommendation.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

01 (-) Decorative Chrome Electroplating (Exhaust Fan)

Description:

Plant ID	Description	Pollutants Emitted	Maximum Make-up Rate	Pollution Control
001(1)	Soak Cleaner Tank	VOCs, Glycol Ether	0.09 gal/hr	None
001(2)	Caustic Etch Tank	None	0.026 gals/hr	None
001(4)	Zincate Tank	None	0.44 gals/hr	None
001(6)	Caustic Etch Tank	None	0.026 gals/hr	None
001(7)	Nickel Strike Tank	PM, PM10, Nickel Compound	0.51 gal/hr	Wet Agent Use
001(10)	Semi-Bright Nickel Tank 3	PM, PM10, VOCs	1.01 gal/hr	None
001(11)	Tri-Ni Nickel Tank	PM, PM10, Nickel Compound	0.54 gal/hr	Wet Agent Use
001(12)	Bright Nickel Tank 1	PM, PM10, Nickel Compound	0.31 gal/hr	Wet Agent Use
001(13)	Bright Nickel Tank 2	PM, PM10, Nickel Compound	0.61 gal/hr	Wet Agent Use
001(14)	Particle Nickel Tank	PM, PM10, Nickel Compound	0.57 gal/hr	Wet Agent Use

Note: All these ten tanks described above are exhausted to one exhaust fan (EP01).

Date Commenced: 1/1/2001

Applicable Regulations:

401 KAR 59:010, New process operations which commenced on or after July 2, 1975

1. Operating Limitations:

None.

2. Emission Limitations:

- Pursuant to 401 KAR 59:010, Section 3, opacity shall not exceed 20%.
- Particulate Matter (PM) emissions from a control device or stack into the open air shall not exceed 2.34 lbs/hr.

Compliance Demonstration:

401 KAR 59:010, New process operations:

- To provide reasonable assurance that the particulate matter emission limitations (PM and PM₁₀) are being met, the permittee shall monitor the make-up rate of any chemicals added to each tanks. The make-up rate shall be determined as the average hourly gallons added to each tanks averaged over a one-month period.

Average particulate emissions from *each tank* shall be calculated as follows:

Hourly Emission Rate (lb/hr) = [Monthly make-up rate (gallons/month) x Emission Factor as determined from AP-42 * (lbs/gallon) / Operation Time per month (hrs/month)] (1-Control Efficiency)

* If an Emission Factor other than that taken from AP-42 is used, documentation on how that Emission Factor was derived must be submitted to the Division's Central Office for approval.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Average particulate emissions from **EP01** (Exhaust Fan) (lb/hr) = \sum Average particulate emissions from each tank (lb/hr)

Then, average particulate emissions from **EP01** (Exhaust Fan) (lb/hr) shall compare with the emission limitation defined in (2)(b) to see if the facility is in compliance for EP01.

- b) Compliance with the opacity limits shall be demonstrated through the following methods:

The permittee shall perform the monitoring and recordkeeping requirements listed under **4. Specific Monitoring Requirements** and **5. Specific Recordkeeping Requirements** during all periods.

3. Testing Requirements:

None

4. Monitoring Requirements:

- a) The total monthly make-up rate of each chemicals for each tank.
- b) The hours per month of the operation of each tank.
- c) Observations of visible emissions from EP01 (Exhaust Fan) shall be made monthly. If visible emissions are seen during the observation, Method 9 shall be used to determine the opacity.
- d) See Section 5, Specific Recordkeeping Requirements below.

5. Recordkeeping Requirements:

A log shall be kept of all emission observations. Notation in the monthly log shall be made of, but not limited to the following:

- a) Monthly observations of visible emissions during operation of associated equipment. If visible emissions are seen during the observation, Method 9 shall be used to determine the opacity.

6. Reporting Requirements:

See Section C(C).

7. Specific Control Equipment Operating Conditions:

None.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

02 (-) Decorative Chrome Electroplating (Control Equipment: Scrubber)

Description:

Plant ID	Description	Pollutants Emitted	Maximum Make-up Rate	Pollution Control
001(3)	Aluminum De-Oxidize Tank	PM, PM10	0.88 gal/hr	PBS
001(5)	Zincate Strip Tank	PM, PM10	0.88 gal/hr	PBS
001(8)	Semi-Bright Nickel Tank 1	PM, PM10, VOCs, Nickel Compound, Formaldehyde	1.01 gal/hr	PBS
001(9)	Semi-Bright Nickel Tank 2	PM, PM10, VOCs, Nickel Compound, Formaldehyde	1.01 gal/hr	PBS
001(15)	Decorative Chrome Plating Tank	PM, PM10, Chromic Acid	0.20 gal/hr	Fume Suppressant & PBS
001(16)	Hydrochloric Strip Tank	PM, PM10, HCl	0.09 gal/hr	PBS

Note: 1. All these six tanks described above are exhausted to a Packed Bed Scrubber (EP01) and the removal efficiency is 99%.

2. For Decorative Chrome Plating Tank (001(15)), Scrubber is not the MACT, as MACT required by 40 CFR 63 Subpart N, Fume Suppressant is used as the control.

3. PBS-Packed Bed Scrubber.

Date Commenced: 1/1/2001

Applicable Regulations:

401 KAR 59:010, New process operations which commenced on or after July 2, 1975

40 CFR 63 Subpart N, National Emission Standards for Chromium Emissions from Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks, for 001(15): Decorative Chrome Plating Tank only

1. Operating Limitations:

For 001(15): Decorative Chrome Plating Tank only

- a. The permittee shall prepare an operation and maintenance plan to be implemented at issuance of this permit. This plan is incorporated by reference into this permit. The plan shall include the following elements: [40 CFR 63.342(f)(3)(i)]
 - i. Operation and maintenance criteria for the affected source, the add-on air pollution control device, and the process and control system monitoring equipment and shall include a standardized checklist to document the operation and maintenance of this equipment;
 - ii. Work practice standards for the control device and monitoring equipment as identified in 40 CFR 63.342 Table 1;
 - iii. Procedures to ensure that equipment or process malfunctions due to poor maintenance or other preventable conditions do not occur; and
 - iv. Systematic procedures for identifying malfunctions of process equipment, add-on air pollution control devices, and process and control system monitoring equipment and for implementing corrective actions to address such malfunctions.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

- b. If the operation and maintenance plan fails to address or inadequately addresses an event that meets the characteristics of a malfunction at the time the plan is initially developed, the permittee shall revise the plan within 45 days after such an event occurs. The revised plan shall include procedures for operating and maintaining the process equipment, add-on air pollution control device, or monitoring equipment during similar malfunction events and a program for corrective action for such events. [40 CFR 63.342(f)(3)(ii)]
- c. If actions taken by the permittee during periods of malfunction are inconsistent with the procedures specified in the operation and maintenance plan, the permittee shall record the actions taken for that event and shall report by phone such actions within 2 working days after commencing actions inconsistent with the plan. This report shall be followed by a letter within seven working days after the end of the event, unless the permittee makes alternative reporting arrangements, in advance, with the Division. [40 CFR 63.342(f)(3)(iv)]
- d. The permittee shall keep the written operation and maintenance plan on record after it is developed to be made available for inspection, upon request, by the Division for the life of the affected source or until the source is no longer subject to the provisions of 40 CFR 63 Subpart N. [40 CFR 63.342(f)(3)(v)]
- e. If the operation and maintenance plan is revised, the permittee shall keep previous versions of the operation and maintenance plan on record to be made available for inspections, upon request, by the Division for a period of 5 years after each revision to the plan. [40 CFR 63.342(f)(3)(v)]
- f. The requirements for the plan may be met using applicable standard operation procedures (SOP) manuals, Occupational Safety and Health Administration (OSHA) plans, or other existing plans, provided the alternative plans meet the requirements outlined in (1)(a). [40 CFR 63.342(f)(3)(vi)]

2. Emission Limitations:

- a) Pursuant to 401 KAR 59:010, Section 3, opacity shall not exceed 20%.
- b) Particulate Matter (PM) emissions from a control device or stack into the open air shall not exceed 2.34 lbs/hr.

Compliance Demonstration:

401 KAR 59:010, New process operations:

- i) To provide reasonable assurance that the particulate matter emission limitations (TSP and PM₁₀) are being met, the permittee shall monitor the make-up rate of any chemicals added to each tanks. The make-up rate shall be determined as the average hourly gallons added to each tanks averaged over a one-month period.

Average particulate emissions from *each tank* shall be calculated as follows:

Hourly Emission Rate (lb/hr) = [Monthly make-up rate (gallons/month) x Emission Factor as determined from AP-42 * (lbs/gallon) / Operation Time per month (hrs/month)] (1-Control Efficiency)

* If an Emission Factor other than that taken from AP-42 is used, documentation on how that Emission Factor was derived must be submitted to the Division's Central Office for approval.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Average particulate emissions from **EP02** (Exhaust Fan) (lb/hr) = Σ Average particulate emissions from each tank (lb/hr)

Then, average particulate emissions from **EP02** (Exhaust Fan) (lb/hr) shall compare with the emission limitation defined in (2)(b) to see if the facility is in compliance for EP02.

- ii) Compliance with the opacity limits shall be demonstrated through the following methods:

The permittee shall perform the monitoring and recordkeeping requirements listed under **4. Specific Monitoring Requirements** and **5. Specific Recordkeeping Requirements** during all periods.

- c) **For 001(15): Decorative Chrome Plating Tank only**, pursuant to 40 CFR 63.342(d)(2), if a chemical fume suppressant containing a wetting agent is used, the surface tension of the electroplating bath shall not exceed 45 dynes/cm (3.1×10^{-3} lb_f/ft) as measured by a stalagmometer or 35 dynes/cm (2.4×10^{-3} lb_f/ft) as measured by a tensiometer at any time during operation of the tank.

Compliance Demonstration:

Pursuant to 40 CFR 63.343(c)(5), Surface tension shall be monitored under the following schedule:

- i. The surface tension shall be measured once every 4 hours for the first 40 hours of operation as specified in Method 306B, appendix A of 40 CFR 63 Subpart N.
- ii. Once 40 hours without exceedence has been accomplished at the once every 4 hours schedule, the schedule may be relaxed to measurements once every 8 hours.
- iii. Once 40 hours without exceedence has been accomplished at the once every 8 hours schedule, the schedule may be relaxed to measurements once every 40 hours.
- iv. When an exceedence occurs, the schedule must be reset to the 4 hour schedule, and may progress again from there after 40 hours without an exceedence.
- v. Once a bath solution is drained from the affected tank and a new solution added, the original monitoring schedule of once every 4 hours must be resumed, with a decrease in monitoring frequency allowed following the procedures described in (ii) – (iv) as above.

3. Testing Requirements:

For 001(15): Decorative Chrome Plating Tank only, the surface tension shall be measured during operation of the tank with a stalagmometer or a tensiometer as specified in Method 306B, appendix A of 40 CFR 63 Subpart N.

4. Monitoring Requirements:

- a) The total monthly make-up rate of each chemicals for each tank.
- b) The hours per month of the operation of each tank.
- c) Observations of visible emissions from EP02 (Scrubber) shall be made monthly.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

- d) Observations of visible emissions during all periods of control equipment malfunction.
If visible emissions are seen during the observation, Method 9 shall be used to determine the opacity.
- e) See Section 5, Specific Recordkeeping Requirements below.
- f) ***For 001(15): Decorative Chrome Plating Tank only,*** Pursuant to 40 CFR 63.343(c)(5), Surface tension shall be monitored under the following schedule:
 - i. The surface tension shall be measured once every 4 hours for the first 40 hours of operation as specified in Method 306B, appendix A of 40 CFR 63 Subpart N.
 - ii. Once 40 hours without exceedence has been accomplished at the once every 4 hours schedule, the schedule may be relaxed to measurements once every 8 hours.
 - iii. Once 40 hours without exceedence has been accomplished at the once every 8 hours schedule, the schedule may be relaxed to measurements once every 40 hours.
 - iv. When an exceedence occurs, the schedule must be reset to the 4 hour schedule, and may progress again from there after 40 hours without an exceedence.
 - v. Once a bath solution is drained from the affected tank and a new solution added, the original monitoring schedule of once every 4 hours must be resumed, with a decrease in monitoring frequency allowed following the procedures described in (ii) – (iv) as above.

5. Recordkeeping Requirements:

- a) A log shall be kept of all emission observations. Notation in the monthly log shall be made of, but not limited to the following:
 - i) Monthly observations of visible emissions during operation of associated equipment.
If visible emissions are seen during the observation, Method 9 shall be used to determine the opacity.
- b) ***For 001(15): Decorative Chrome Plating Tank only:***
The following records shall be maintained for a period of 5 years:
 - i) Inspection and maintenance records for the affected source and all associated monitoring equipment; [40 CFR 63.346(b)(1) & (b)(2)]
 - ii) The occurrence, duration, and cause of each malfunction of the process, monitoring equipment, and actions taken; [40 CFR 63.346(b)(3)]
 - iii) Actions taken during periods of malfunction when such actions are inconsistent with the operation and maintenance plan; [40 CFR 63.346(b)(4)]
 - iv) Other records, which may take the form of checklists, necessary to demonstrate consistency with the provisions of operation and maintenance plan; [40 CFR 63.346(b)(5)]
 - v) Test reports, which document the result of all performance tests; [40 CFR 63.346(b)(6)]
 - vi) All measurements necessary to determine the operating conditions of performance test and monitoring data as required above; [40 CFR 63.346(b)(7)]
 - vii) Monitoring data required by 40 CFR 63.343(c) that are used to demonstrate

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

- compliance with the standard including the date and time the data are collected; [40 CFR 63.346(b)(8)]
- viii) The specific identification (i.e., the date and time of commencement and completion) of each period of excess emission, as indicated by monitoring data, that occurs during malfunction of the process, add-on air pollution control, or monitoring equipment; [40 CFR 63.346(b)(9)]
 - ix) The specific identification (i.e., the date and time of commencement and completion) of each period of excess emission, as indicated by monitoring data, that occurs during periods other than malfunction of the process, add-on air pollution control, or monitoring equipment; [40 CFR 63.346(b)(10)]
 - x) The total process operating time of the affected source during the reporting period. [40 CFR 63.346(b)(11)]

6. Reporting Requirements:

- a) See Section C(C).
- b) ***For 001(15): Decorative Chrome Plating Tank only:***

Pursuant to 40 CFR 63.347(h)(1), the permittee shall complete an ongoing compliance status report annually and retain it on site and make it available to KYDAQ upon request. Pursuant to 40 CFR 63.347(g)(3), the report shall contain the following information:

 - i) Company name and address of the affected source;
 - ii) Identification of the operating parameter that is monitored for compliance tracking determination;
 - iii) The relevant emission limitation for the affected source, and the operating parameter value, or range of operating parameter values, that correspond to compliance with this emission limitation;
 - iv) The beginning and ending dates of the reporting period;
 - v) A description of the type of process performed in the affected source;
 - vi) The total operating time of the affected source during the reporting period;
 - vii) A summary of operating parameter values, including the total duration of excess emissions during the reporting period as indicated by those values, the total duration of excess emissions expressed as a percent of the total source operating time during that reporting period, and a breakdown of the total duration of excess emissions during the reporting period into those that are due to process upsets, control equipment malfunctions, other known causes and unknown causes.
 - viii) A certification by a responsible official that the work practice standards in 40 CFR 63.342(f) were followed in accordance with the operation and maintenance plan for the source;
 - ix) If the operation and maintenance plan was not followed, an explanation of the reasons for not following the provisions, an assessment of whether any excess emission and/or parameter monitoring exceedances are believed to have occurred, and a copy of the report(s) required by 40 CFR 63.342(f)(3)(iv) documenting that the operation and maintenance plan was not followed;

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

- x) A description of any changes in monitoring, processes, or controls since the last reporting period;
- xi) The name, title, and signature of the responsible official who is certifying the accuracy of the report; and
- xii) The date of the report.

7. Specific Control Equipment Operating Conditions:

The packed bed scrubber shall be maintained and operated by manufacturer's recommendations.

SECTION C - GENERAL CONDITIONS

A. Administrative Requirements

1. The permittee shall comply with all conditions of this permit. Noncompliance shall be a violation of 401 KAR 52:040, Section 3(1)(b) and is grounds for enforcement action including but not limited to the termination, revocation and reissuance, or revision of this permit.
2. This permit shall remain in effect for a fixed term of ten (10) years following the original date of issue. Permit expiration shall terminate the source's right to operate unless a timely and complete renewal application has been submitted to the Division at least six months prior to the expiration date of the permit. Upon a timely and complete submittal, the authorization to operate within the terms and conditions of this permit, including any permit shield, shall remain in effect beyond the expiration date, until the renewal permit is issued or denied by the Division. [401 KAR 52:040, Section 15]
3. Any condition or portion of this permit which becomes suspended or is ruled invalid as a result of any legal or other action shall not invalidate any other portion or condition of this permit [Material incorporated by reference by 401 KAR 52:040, Section 1a, 11].
4. Pursuant to materials incorporated by reference by 401 KAR 52:040, this permit may be revised, revoked, reopened, reissued, or terminated for cause. The filing of a request by the permittee for any permit revision, revocation, reissuance, or termination, or of a notification of a planned change or anticipated noncompliance shall not stay any permit condition [Material incorporated by reference by 401 KAR 52:040, Section 1a, 4,5].
5. This permit does not convey property rights or exclusive privileges [Material incorporated by reference by 401 KAR 52:040, Section 1a, 8].
6. Nothing in this permit shall alter or affect the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance [401 KAR 52:040 Section 11(3)].
7. This permit shall be subject to suspension at any time the permittee fails to pay all fees within 90 days after notification as specified in 401 KAR 50:038, Air emissions fee. The permittee shall submit an annual emissions certification pursuant to 401 KAR 52:040, Section 20.

SECTION C - GENERAL CONDITIONS (CONTINUED)

B. Recordkeeping Requirements

1. Records of all required monitoring data and support information, including calibrations, maintenance records, and original strip chart recordings, and copies of all reports required by the Division for Air Quality, shall be retained by the permittee for a period of at least five years and shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality [401 KAR 52:040 Section 3(1)(f)].
2. The permittee shall perform compliance certification and recordkeeping sufficient to assure compliance with the terms and conditions of the permit. Documents, including reports, shall be certified by a responsible official pursuant to 401 KAR 52:040, Section 21.

C. Reporting Requirements

1. a. In accordance with the provisions of 401 KAR 50:055, Section 1, the permittee shall notify the Regional Office listed on the front of this permit concerning startups, shutdowns, or malfunctions as follows:
 - i. When emissions during any planned shutdowns and ensuing startups will exceed the standards, notification shall be made no later than three (3) days before the planned shutdown, or immediately following the decision to shut down, if the shutdown is due to events which could not have been foreseen three (3) days before the shutdown.
 - ii. When emissions due to malfunctions, unplanned shutdowns and ensuing startups are or may be in excess of the standards, notification shall be made as promptly as possible by telephone (or other electronic media) and shall be submitted in writing upon request.
- b. The permittee shall promptly report deviations from permit requirements including those attributed to upset conditions (other than emission exceedances covered by Reporting Requirement condition 1. a. above), the probable cause of the deviation, and corrective or preventive measures taken; to the Regional Office listed on the front of this permit within 30 days. Other deviations from permit requirements shall be included in the semiannual report [Material incorporated by reference by 401 KAR 52:040, Section 5, 3].
2. The permittee shall furnish information requested by the Cabinet to determine if cause exists for modifying, revoking and reissuing, or terminating the permit; or to determine compliance with the permit [Material incorporated by reference by 401 KAR 52:040, Section 1a, 6].
3. Summary reports of monitoring required by this permit shall be submitted to the Regional Office listed on the front of this permit at least every six (6) months during the life of this permit. For emission units that were still under construction or which had not commenced operation at the end of the 6-month period covered by the report and are subject to monitoring requirements in this permit, the report shall indicate that no monitoring was performed during the previous six months because the emission unit was not in operation.

The summary reports are due January 30th and July 30th of each year. All deviations from permit requirements shall be clearly identified in the reports. All reports shall be certified by a responsible official pursuant to 401 KAR 52:040, Section 21.

SECTION C - GENERAL CONDITIONS (CONTINUED)

D. Inspections

1. In accordance with the requirements of 401 KAR 52:040, Section 3(1)(f) the permittee shall allow authorized representatives of the Cabinet to perform the following during reasonable times. Reasonable times are defined as during all hours of operation, during normal office hours; or during an emergency:
 - a. Enter upon the premises to inspect any facility, equipment (including air pollution control equipment), practice, or operation.
 - b. To access and copy any records required by the permit.
 - c. Inspect, at reasonable times, any facilities, equipment (including monitoring and pollution control equipment), practices, or operations required by the permit.
 - d. Sample or monitor, at reasonable times, substances or parameters to assure compliance with the permit or any applicable requirements.

E. Emergencies/Enforcement Provisions

1. The permittee shall not use as defense in an enforcement action, the contention that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance [Material incorporated by reference by 401 KAR 52:040, Section 1a, 3].
2. An emergency shall constitute an affirmative defense to an action brought for the noncompliance with the technology-based emission limitations if the permittee demonstrates through properly signed contemporaneous operating logs or relevant evidence that:
 - a. An emergency occurred and the permittee can identify the cause of the emergency;
 - b. The permitted facility was at the time being properly operated;
 - c. During an emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit; and
 - d. The permittee notified the Division as promptly as possible and submitted written notice of the emergency to the Division within two working days after the time when emission limitations were exceeded due to the emergency and included a description of the emergency, steps taken to mitigate emissions, and corrective actions taken.
3. Emergency provisions listed in General Condition E.2 are in addition to any emergency or upset provision contained in an applicable requirement [401 KAR 52:040, Section 22(1)].
4. In an enforcement proceeding, the permittee seeking to establish the occurrence of an emergency shall have the burden of proof. [401 KAR 52:040, Section 22(2)].

SECTION C - GENERAL CONDITIONS (CONTINUED)**F. Compliance**

1. Periodic testing or instrumental or non-instrumental monitoring, which may consist of record keeping, shall be performed to the extent necessary to yield reliable data for purposes of demonstration of continuing compliance with the conditions of this permit. For the purpose of demonstration of continuing compliance, the following guidelines shall be followed:
 - a. Pursuant to 401 KAR 50:055, General compliance requirements, Section 2(5), all air pollution control equipment and all pollution control measures proposed by the application in response to which this permit is issued shall be in place, properly maintained, and in operation at any time an affected facility for which the equipment and measures are designed is operated, except as provided by 401 KAR 50:055, Section 1.
 - b. All the air pollution control systems shall be maintained regularly in accordance with good engineering practices and the recommendations of the respective manufacturers. A log shall be kept of all routine and nonroutine maintenance performed on each control device.
 - c. A log of the monthly raw material consumption and monthly production rates shall be kept available at the facility. Compliance with the emission limits may be demonstrated by computer program, spread sheets, calculations or performance tests as may be specified by the Division [401 KAR 50:055, Section 2].
2. Pursuant to 401 KAR 52:040, Section 19, the permittee shall certify compliance with the terms and conditions contained in this permit by January 30th of each year, by completing and returning a Compliance Certification Form (DEP 7007CC) (or an approved alternative) to the Regional Office listed on the front of this permit in accordance with the following requirements:
 - a. Identification of the term or condition;
 - b. Compliance status of each term or condition of the permit;
 - c. Whether compliance was continuous or intermittent;
 - d. The method used for determining the compliance status for the source, currently and over the reporting period, and
 - e. For an emissions unit that was still under construction or which has not commenced operation at the end of the 12-month period covered by the annual compliance certification, the permittee shall indicate that the unit is under construction and that compliance with any applicable requirements will be demonstrated within the timeframes specified in the permit.
 - f. The certification shall be postmarked by January 30th of each year. Annual compliance certifications shall be mailed to the following addresses:

Division for Air Quality Bowling Green Regional Office 1508 Westen Avenue Bowling Green, KY 42104-3356	Division for Air Quality Central Files 803 Schenkel Lane Frankfort, KY 40601-1403
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3. Permit Shield - A permit shield shall not protect the owner or operator from enforcement actions for violating an applicable requirement prior to or at the time of permit issuance. Compliance with the conditions of this permit shall be considered compliance with all:
 - (a) Applicable requirements that are included and specifically identified in this permit; or
 - (b) Non-applicable requirements expressly identified in this permit [401 KAR 52:040, Section 11].

SECTION D - INSIGNIFICANT ACTIVITIES

The following listed activities have been determined to be insignificant activities for this source pursuant to 401 KAR 52:040, Section 6. While these activities are designated as insignificant the permittee shall comply with the applicable regulation and any level of periodic monitoring specified below.

<u>Description</u>	<u>Generally Applicable Regulation</u>
1. Welding Shop: Miscellaneous & Frames (288 wheels/day)	401 KAR 59:010
2. Machining Shop: Metal Process Components (288 wheels/day)	401 KAR 59:010
3. Spray Parts Washer in Polishing Room	401 KAR 59:010
4. Natural Gas-fired Space Heaters (9 units, individual units < 1 MMBtu/hr)	None